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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/824,661	04/04/2001	Arturo Mastelli	71312-0002	1917

7590 07/24/2002

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EXAMINER

KATCHEVES, BASIL S

ART UNIT	PAPER NUMBER
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3635

DATE MAILED: 07/24/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/824,661

Applicant(s)

MASTELLI, ARTURO

Examiner

Basil Katcheves

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 10 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 10 recites "horizontal edge portion extending around the perimeter" in lines 15-16. Extending around the perimeter implies that the edge has a vertical parameter as well as a horizontal.

Claims 9 and 10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 9 states the tile thickness is greater than the panel thickness. Claim 10, which depends from 9, states the panel thickness is greater than the tile thickness.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 4,782,636 to Stoakes in view of U.S. Patent No. 4,506,482 to Pracht et al.

Regarding claims 1 and 2, Stoakes discloses a curtain wall structure having a framework, made of aluminum (column 3, lines 2-3), with a series of panels and gaskets installed within (abstract). However, Stoakes does not disclose tiles adhered to the panels. Pracht discloses tiles adhered with silicon (column 1, line 50) to a building wall (abstract). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Stoakes by adding tiles in order to improve the aesthetics.

Regarding claim 3, Stoakes discloses the panels as being on the same plane as the front surface of the frame (fig. 2).

Regarding claim 4, Stoakes discloses the use of fasteners to secure the panels to the frame (fig. 2).

Regarding claims 5, 6 and 7, Stoakes discloses the use of gaskets to seal and retain the peripheries (column 1, lines 31-34).

Regarding claims 8 and 14, Stoakes discloses the size of the panels as being substantially the same as the size of the frame openings. Pracht discloses tiles having a greater size than the opening of the frame (fig. 3). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Stoakes by adding the oversized tiles disclosed by Pracht in order to make a more aesthetic appearance by partially covering the frames behind the tiles.

Regarding claims 9, 10 and 12, Stoakes in view of Pracht discloses the basic claim structure of the instant application but does not disclose specific dimensions. It

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would have been an obvious design choice to vary the widths of tiles and panels in order to decrease or increase the curtain wall weight and strength.

Regarding claim 11, Pracht discloses the use of ceramic tiles (column 2, line 53).

Claims 13 and 15 are rejected for reasons cited in rejection of claims 1 and 3.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

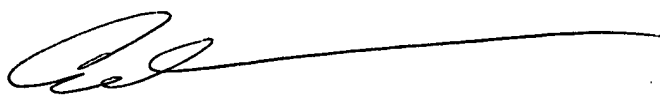
The cited patents listed on the included form PTO-892 further show the state of the art with respect to wall panels in general.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Basil Katcheves whose telephone number is (703) 306-0232. The examiner can normally be reached on Monday-Friday from 7:30 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Friedman, can be reached at (703) 308-0832.

BK *BK*

7/19/02


Carl D. Friedman
Supervisory Patent Examiner
Group 3600